



Restriction of Hazardous Substance (RoHS) Certificate of Compliance

For more information, see
<http://www.lsi.com/ehs>

RoHS Certificate of Compliance Requested By:

Contact Name:
Contact Dept/Title:
Phone Number:

Company Name:
Company Address:
Email Address:

RoHS Certificate of Compliance Provided By:

Supplier Name: LSI Corporation

Customer Part Number(s): Marketing PN(s), Model(s) or Product(s) Description: LSI Part Number(s):
LSI00161 LSIiBBU07 L5-25034-02

Hazardous Substance Statement(s):

RoHS Definition:

Quantity limit of 0.1 % by mass (1000 PPM) in homogeneous material for:
Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr+6), Polybrominated
Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) and quantity
limit of 0.01 % by mass (100 PPM) of homogeneous material for Cadmium

RoHS Declaration:

- ☐ Product(s) **does not** contain RoHS restricted substances per the definition above.
- ☐ Product(s) **does** contain RoHS restricted substances above the limits per the definition above and is not under an EU RoHS Exemption.
- ☒ Product(s) or product component(s) **does not** contain RoHS restricted substances per the definition above except for specific EU RoHS Exemptions listed to the right.
- ☐ Product(s) is obsolete or unknown, no information is available.

EU RoHS Exemption

Product(s) or product component(s) meet the following EU RoHS application specific exemption(s):

- ☐ 1. Mercury in compact fluorescent lamps not exceeding 5 mg per lamp.
- ☐ 2. Mercury in straight fluorescent lamps for general purposes not exceeding: a) 10 mg in halophosphate lamps, b) 5 mg triphosphate lamps with normal lifetime, c) 9 mg in triphosphate lamps with long lifetime.
- ☐ 3. Mercury in straight fluorescent lamps for special purposes.
- ☐ 4. Mercury in other lamps not specifically mentioned in the Annex.
- ☒ 5. Lead in glass of cathode ray tubes, electronic components and fluorescent tubes.
- ☒ 6. Lead as an alloying element in: a) steel containing up to 0.35 % lead by weight, b) aluminium containing up to 0.4 % lead by weight, c) copper alloy containing up to 4% lead by weight.
- ☒ 7a. Lead in high melting temperature type solders (i.e. lead-based alloys with 85 % by wt or more lead).
- ☐ 7b. Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission as well as network management for telecommunications.
- ☒ 7c. Lead in electronic ceramic parts (eg. Piezoelectronic devices).
- ☐ 8. Cadmium and its compounds in electrical contacts and cadmium plating except for applications banned under Directive 91/338/EEC amending Directive 76/769/EEC relating to restrictions on the marketing and use of certain dangerous substances and preparations.
- ☐ 10a. DecaBDE in polymeric applications.
- ☐ 10b. Lead in lead-bronze bearing shells.
- ☒ 11. Lead used in compliant pin connector systems.
- ☐ 12. Lead as a coating material for a thermal conduction module c-ring.
- ☐ 13a. Lead in optical and filter glass.
- ☐ 13b. Cadmium in optical and filter glass.
- ☒ 14. Lead in solders consisting of more than two elements for the connection between the pins and the package of microprocessors with a lead content more than 80% and less than 85 % by wt.
- ☒ 15. Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit Flip-Chip packages.
- ☐ 16. Lead in linear incandescent lamps with silicate coated tubes.
- ☐ 23. Lead in finishes of fine pitch components other than connectors with a pitch of 0.65 mm or less with NiFe lead frames and lead in finishes of fine pitch components other than connectors with a pitch of 0.65 mm or less with copper lead frames.

Comments

Certification Statement

LSI certifies that it gathered the information it provides in this form concerning RoHS restrictive substances using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief, as of the date that LSI completes this form. LSI acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that LSI may have relied on information provided by others in completing this form, and that LSI may not have independently verified such information. However, in situations where LSI has not independently verified information provided by others, LSI agrees that, at a minimum, it has a program in place to ensure that its suppliers' certifications are at least as comprehensive as the certification in this paragraph. If the Company and the LSI enter into a written agreement with respect to the identified product, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusive source of the LSI's liability and the Company's remedies for issues that arise regarding information that LSI provides in this form.

Name: Bryan Tran
Title: Environmental Compliance Engineer

Signature: 
Date: 4/1/2011